

Amendments to the Specification:

Please replace the paragraph beginning on page 28, line 24, with the following rewritten paragraph:

FIG. 11 shows a transient contact resistance shown in FIG. 10 ~~of~~ measured by a conventional electromagnetic relay;

Please replace the paragraph beginning on page 33, line 15, with the following rewritten paragraph:

FIG. 38 shows a time response during breaking operation for the circuit with an ideal switch shown in ~~FIG. 35~~ FIG. 36: (a) Time response of a switching resistance; (b) Time response of a switching current; (c) Time response of a switching voltage; (d) Time response of switching instantaneous power consumption;